Specifications

[GENERAL]

Supply voltage: 120 V AC, 50 – 60 Hz
Power consumption: 56 W

Ambient operating temperature:
41°F to 104°F (5°C to 40°C)
Ambient operating humidity:
35% to 80% (no condensation)
Weight:
14.3 lb (6.5 kg)
Dimensions (W×H×D):
8 7/16″×5 1/4″×15 7/16″ (214×132×391 mm)
Recording format:
DVCPRO format
Recording tracks
Digital video/audio
Time code: recorded in sub-code area
Digital audio: 2 channels
Cue signal: 1 track
Control (CTL): 1 track
Tape speed:
33.820 mm/sec.
Recording time:
184 minutes (when an AJ-5P92LP is used *)
66 minutes (when an AJ-P66MP is used)

∗ For AJ-5P92LP cassette tapes, use a VTR supporting DVCPRO (25 Mbps) 184 minute tapes.

Tape used:
1/4″ thin magnetic layer metal tapes
FF/REW time:
Less than 5 min. (using an AJ-5P92LP tape)

[VIDEO]

■Digital video

Sampling frequency:
Y: 13.5 MHz, P_B/P_R: 3.375 MHz
Quantizing:
8 bits
Error correction:
Reed-Solomon product code

■Analog composite IN/OUT

Video band:
Y: 30 Hz to 4.5 MHz (0 ±1 dB)
Y/C delay:
Less than 20 ns
K factor:
Less than 2%

■Input connectors

Line input:
BNC×1, 1.0 V_{P-P}, 75 Ω
REF VIDEO input:
BNC×1, 1.0 V_{P-P}, 75 Ω
S-VIDEO:
4P×1, Y: 1.0 V_{P-P}, 75 Ω
C: 0.286 V_{P-P}, 75 Ω (burst level)

■Output connectors

Line output:
BNC×1, 1.0 V_{P-P}, 75 Ω
Monitor output:
BNC×1, 1.0 V_{P-P}, 75 Ω
S-VIDEO:
4P×1, Y: 1.0 V_{P-P}, 75 Ω
C: 0.286 V_{P-P}, 75 Ω (burst level)

Specifications

[AUDIO]

■Digital audio

Sampling frequency:
48 kHz
Quantizing:
16 bits
Frequency response:
20 Hz to 20 kHz (0 +1.0 dB, –2.0 dB)
Dynamic range:
More than 85 dB
(1 kHz, emphasis OFF, "A" weighted)
Distortion:
Less than 0.1%
(1 kHz, emphasis OFF, reference level)
Crosstalk:
Less than –80 dB (1 kHz, between 2 channels)

■Input connectors

Line input (CH1/CH2):
PHONO×2, –8 dBV, 47 kΩ

■Output connectors

Line output (CH1/CH2):
PHONO×4, –8 dBV, 1 kΩ
Headphones output:
M3 stereo, variable level (max. –32 dBV or more), 8 Ω

[OTHER INPUT/OUTPUT CONNECTORS]

RS-232C:
D-sub, 25 pins, RS-232C interface
Wired remote control:
M2 jack (simple remote control)

[DISPLAY TUBE]

Counter:
8 digits (CTL/TC/UB display switching, remaining tape)
Audio level meter:
18 steps
Other:
REC/REC INH, REMOTE, WIDE, consumer-use cassette insertion display, REPEAT, SERVO, channel condition, cassette insertion display

Weight and dimensions shown are approximate.
Specifications are subject to change without notice.